

**National Transportation Safety Board  
Washington, DC 20594**

**Brief of Accident**

**Adopted 04/01/2003**

DEN02TA078		07/21/2002		Englewood, CO		Aircraft Reg No. N6271N		Time (Local): 15:37 MDT					
Make/Model:		Cessna / 182R				Fatal		Serious		Minor/None			
Engine Make/Model:		Lycoming / O-540-L3C5D				Crew		0		0		2	
Aircraft Damage:		Substantial				Pass		0		0		1	
Number of Engines:		1											
Operating Certificate(s):		None											
Type of Flight Operation:		Public Use											
Reg. Flight Conducted Under:		Public Use											
Last Depart. Point:		Canon City				Condition of Light:		Day					
Destination:		Same as Accident/Incident Location				Weather Info Src:		Weather Observation Facility					
Airport Proximity:		On Airport				Basic Weather:		Visual Conditions					
Airport Name:		Centennial				Lowest Ceiling:		None					
Runway Identification:		35R				Visibility:		10.00 SM					
Runway Length/Width (Ft):		10002 / 100				Wind Dir/Speed:		050 / 012 Kts					
Runway Surface:		Asphalt				Temperature (°C):		29					
Runway Surface Condition:		Dry				Precip/Obscuration:		None / None					
Pilot-in-Command		Age: 63				Flight Time (Hours)							
Certificate(s)/Rating(s)						Total All Aircraft:		1099					
Commercial; Single-engine Land						Last 90 Days:		27					
Instrument Ratings						Total Make/Model:		632					
Airplane						Total Instrument Time:		207					

The wind was from 030 degrees at 9 knots, gusting to 15 knots, as the pilot made a simulated ILS approach to runway 35R. At decision height, the pilot transitioned to a visual approach and reduced power slightly to facilitate his descent and flared. The airplane ballooned and the pilot added a little power and maintained the attitude. The airplane landed hard, bounced, and came down on the nose wheel. He applied full power to reject the landing and the airplane began drifting to the left of the runway. The safety pilot took control of the airplane and returned it to the runway centerline. When the airplane touched down, it veered to the left, departed the runway, and skidded to a halt.

Brief of Accident (Continued)

DEN02TA078

File No. 12768

07/21/2002

Englewood, CO

Aircraft Reg No. N6271N

Time (Local): 15:37 MDT

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Occurrence #1: HARD LANDING

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (F) FLARE - IMPROPER - PILOT IN COMMAND
2. (F) REMEDIAL ACTION - IMPROPER - PILOT IN COMMAND
3. (F) MONITORING - INADEQUATE - COPILOT/SECOND PILOT

Findings Legend: (C) = Cause, (F) = Factor

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The National Transportation Safety Board determines the probable cause(s) of this accident as follows.

the pilot-in-command's improper flare resulting in a hard landing. Contributing factors were the pilot's improper remedial action, and the second pilot's inadequate monitoring of the flight.